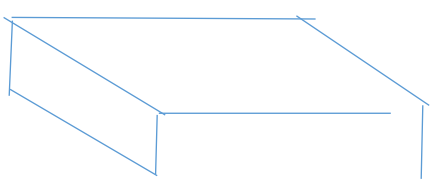
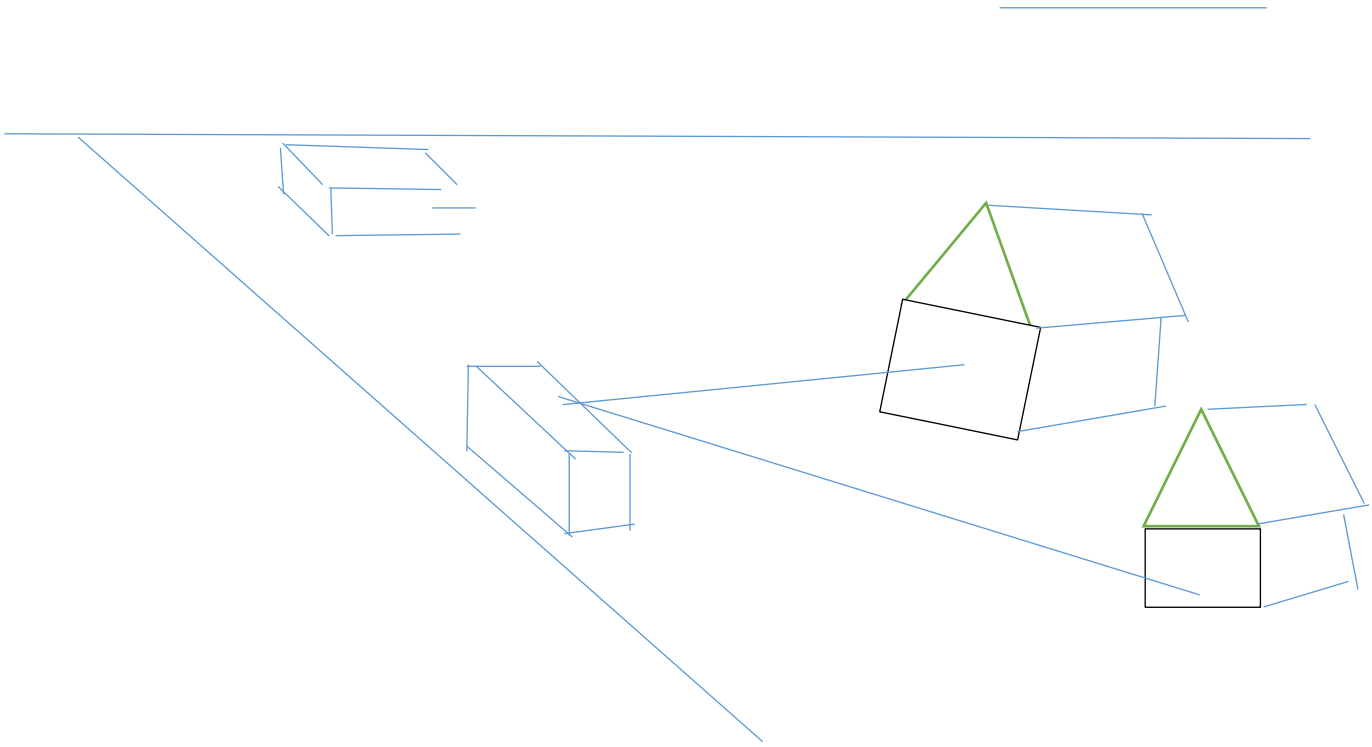
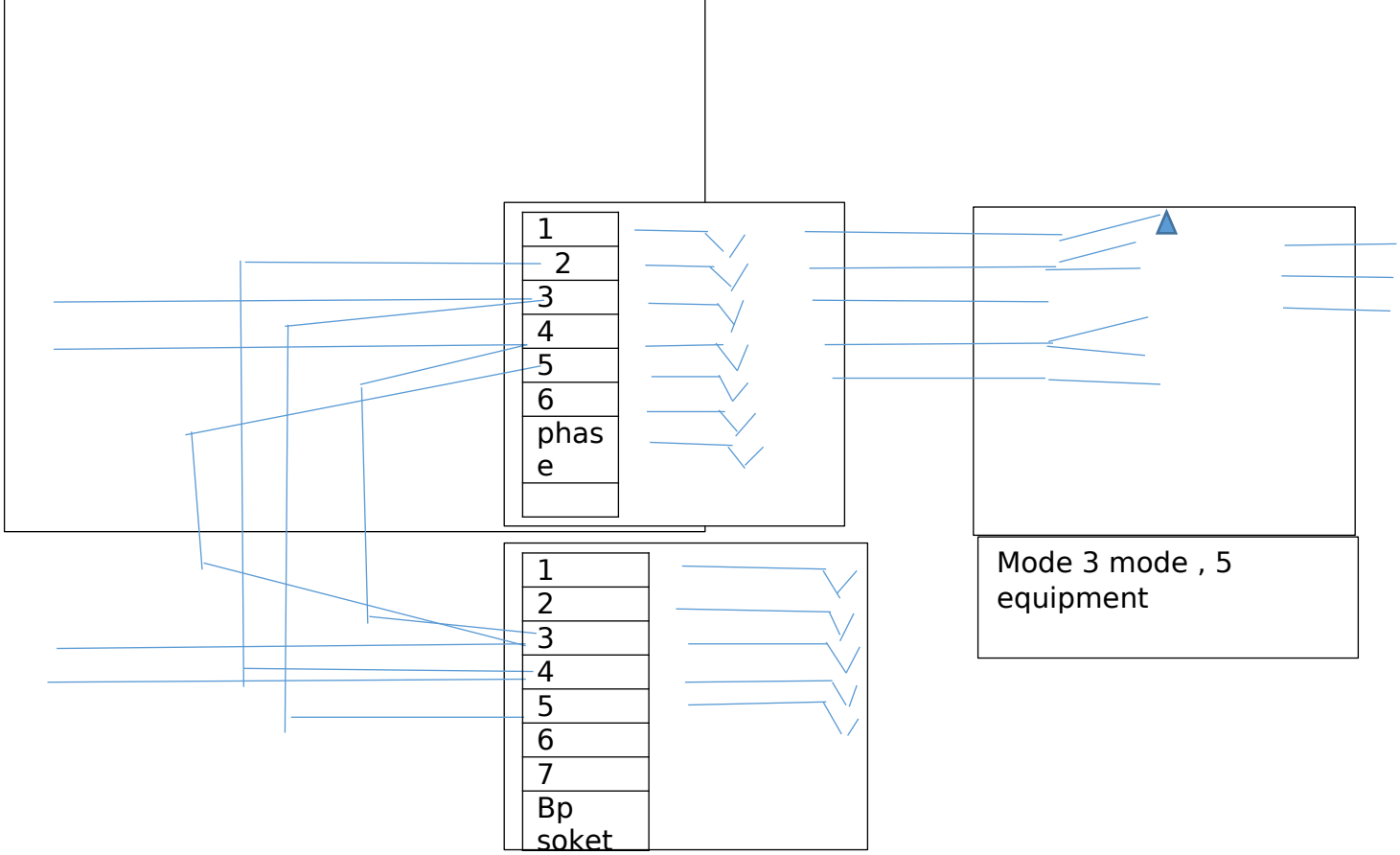
TYPICAL undergrand copper twis par network telephone exchange ,,





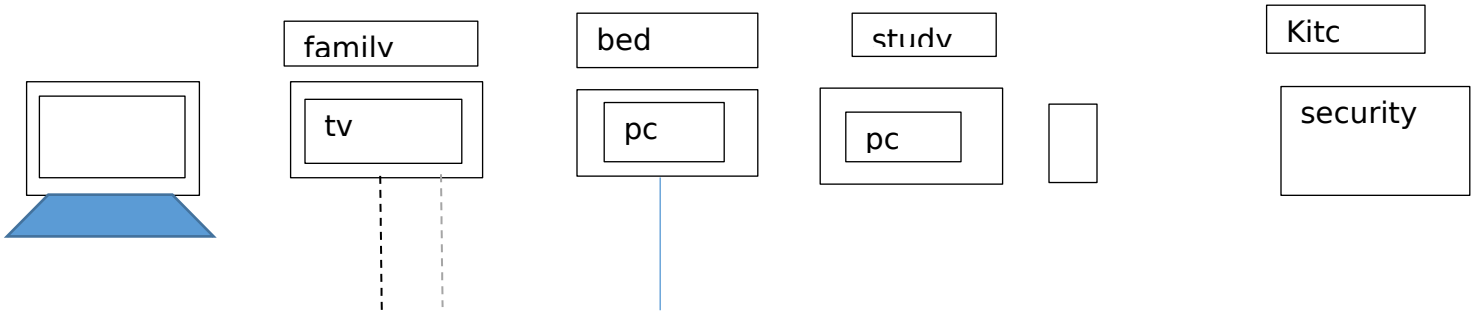
Cabling of homes for telecommunication , a completed guide to home cabling

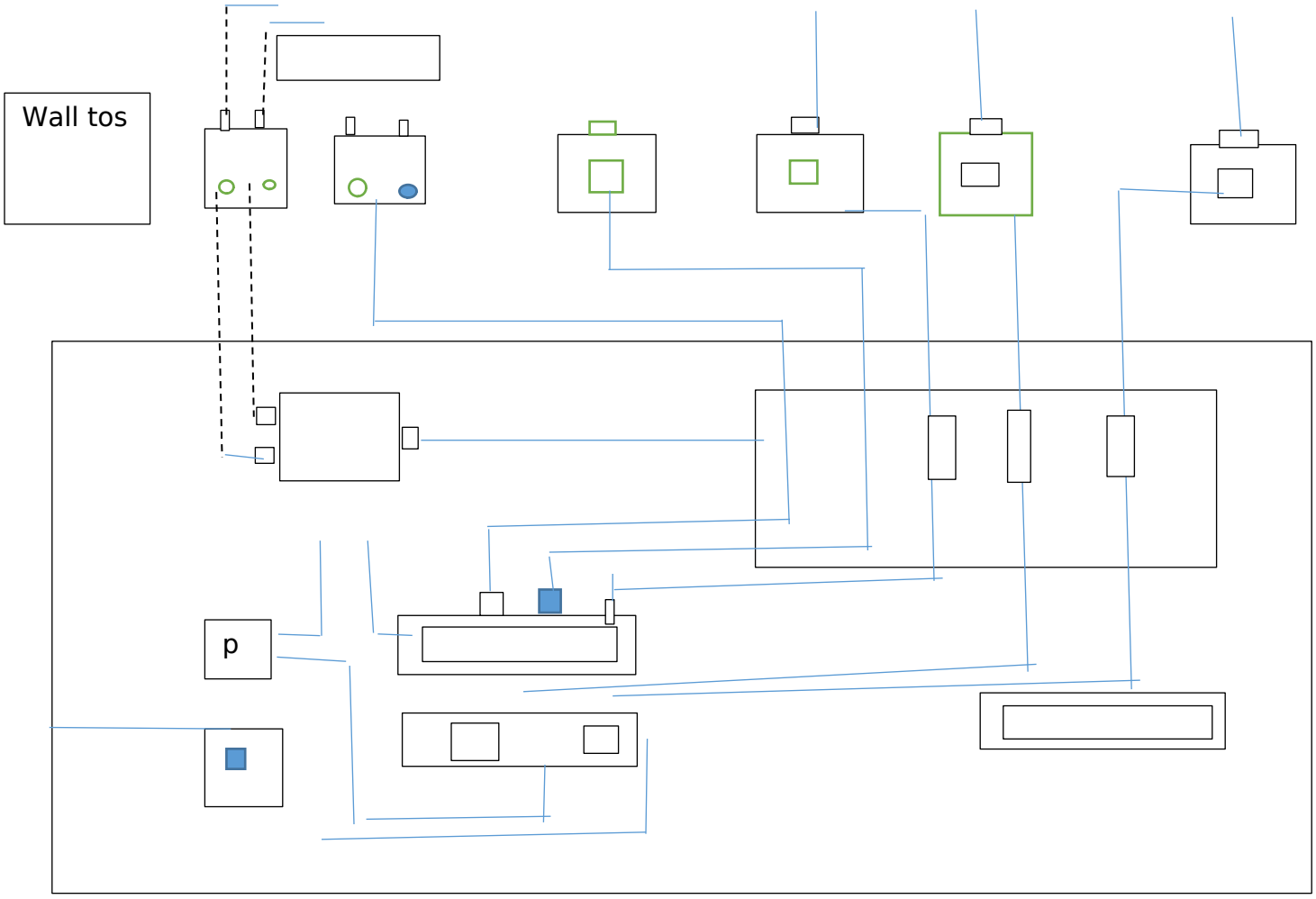



Possible fault due coming of the telephone voice port inside the ntd ,

Fault due to switch relay connect in mode 3

Basic home networking system typical cabling arragemnt and connector for ftt , typical telephonic and date service connect






Legend :

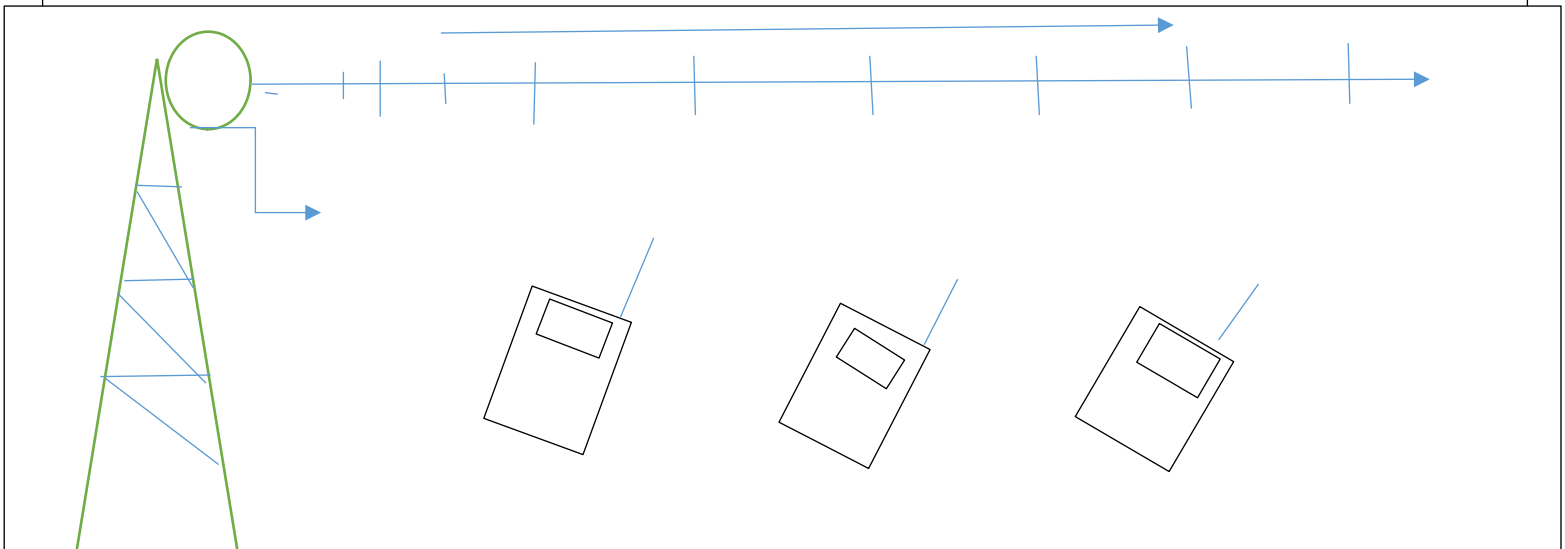
Modulator socket CCP

Modulator FTT

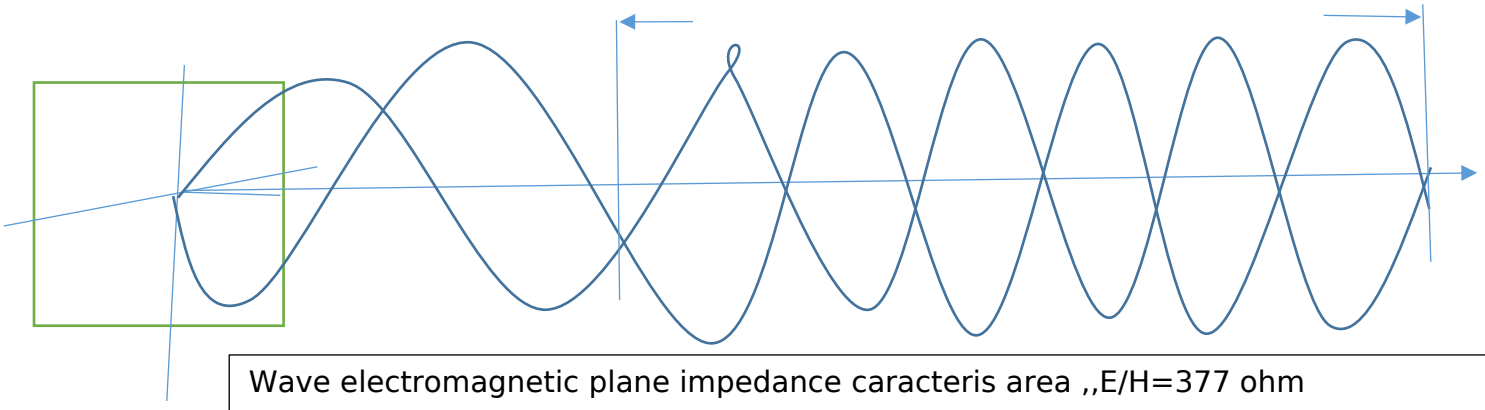
Coaxial sock NTD

Coaxial plui PC

OPTIC

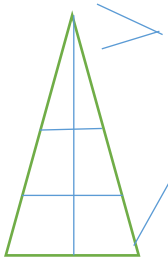


Canal of transmission gsm interval time area 577us signal terminology



Wave electromagnetic plane impedance caracteris area ,,E/H=377 ohm

Input,l1,l



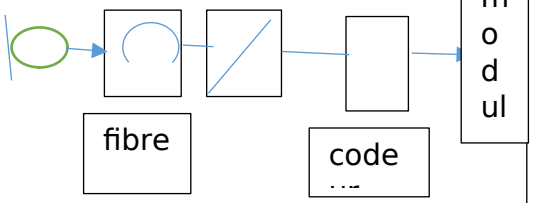
BTS

BSC

MSC

NETWORK FIXE

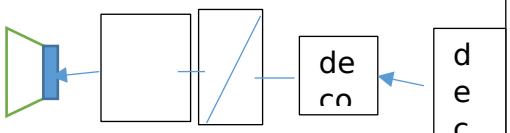
Numeration of voice



m o d ul

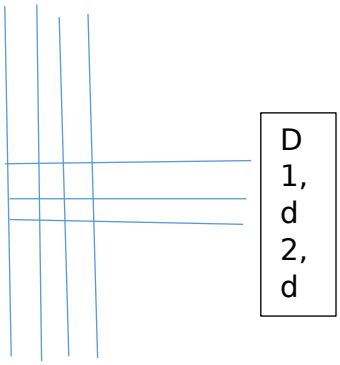
fibre

code



de co

d e c

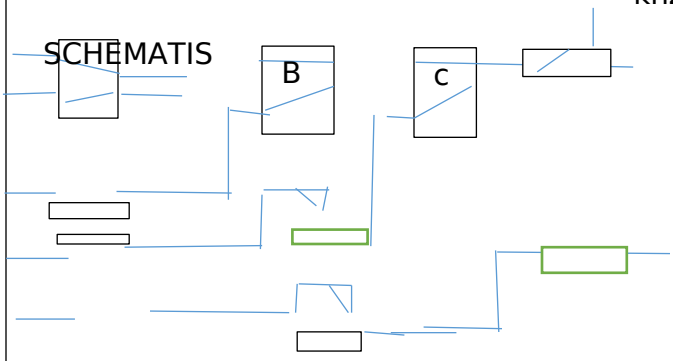


D 1, d 2, d

Cabling clean inpout ,

Input output band 300-3,4 khz

SCHEMATIS

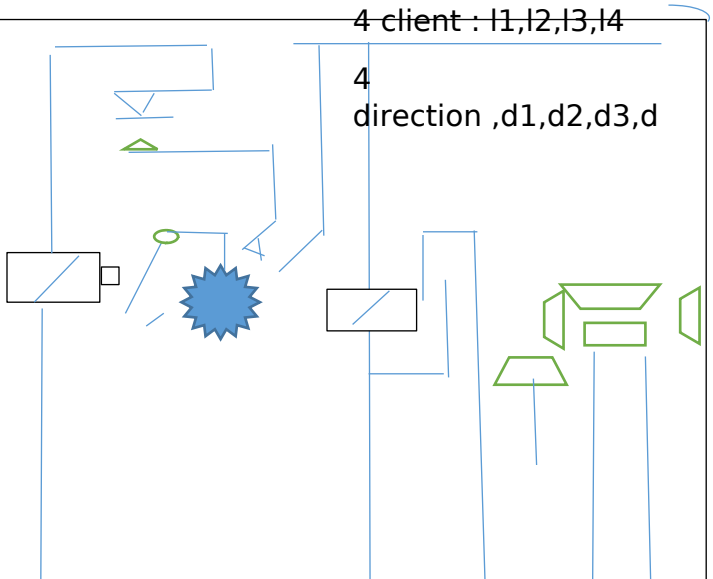


B

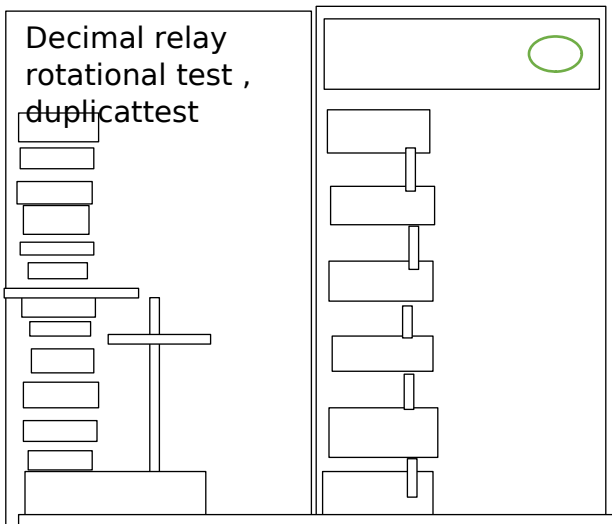
c

4 client : l1,l2,l3,l4

4 direction ,d1,d2,d3,d



Decimal relay rotational test , duplicattest



Time device

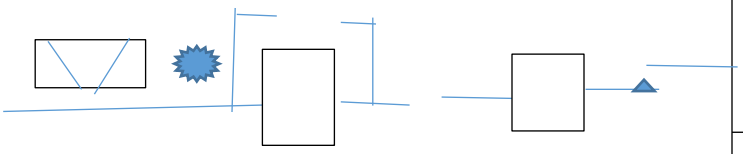
A switch line finder respons at pilote final , connect engineering

-B . Switch final connect

Signal controller , send impulse , etepping relays , interconnector , selector ,pilote ,switch ,,,

Div1 dv 2 div 3 , dv4

10. sequence relais , line , cut off, line , decimal control , direct register in the group in which the calling division starter research

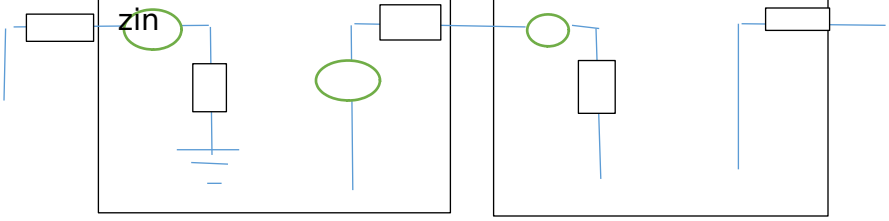


Scale method , quadrille

za

V3
zin

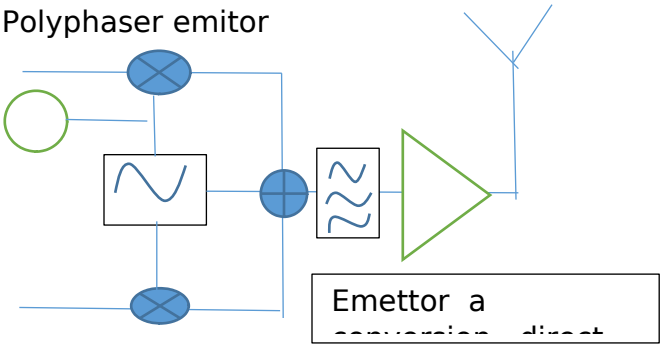
V2



B= Zin /zin 1+z2, sq 2

Consummation aun of network unity , captor , can unity stockage , emitor

Polyphaser emitor



Emettor a

Module phase Psk ,

M(t)=cos(wot+fi.o)

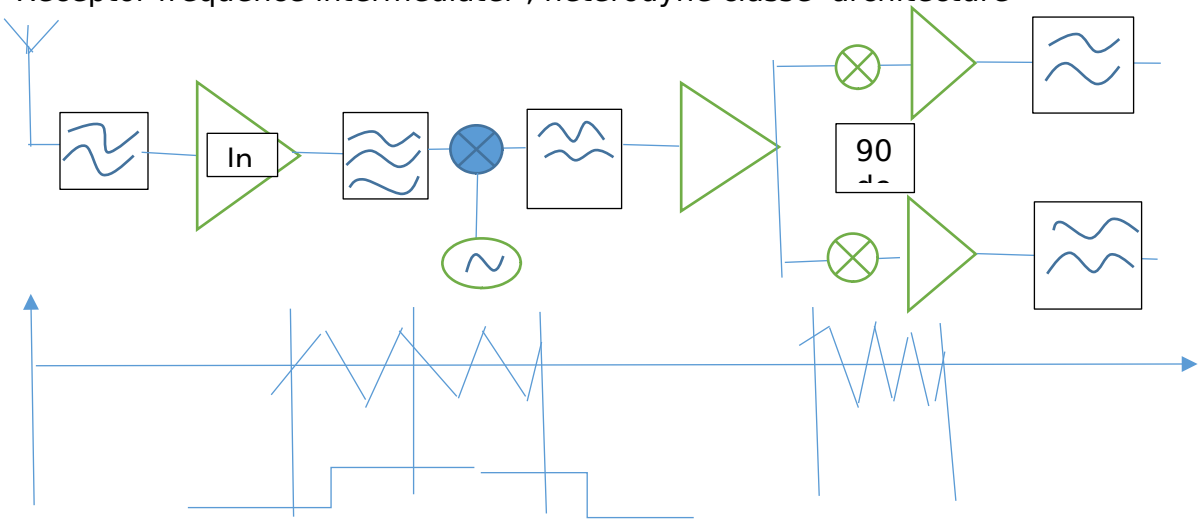
Sin a(t)=0 then m ot+k)g(kt

Modulation phase shift keying signal module psk ,

m(t)=sum = infi to k =-infinty .

A.cos(w

Receptor frequence intermediater , heterodyne classe architecture



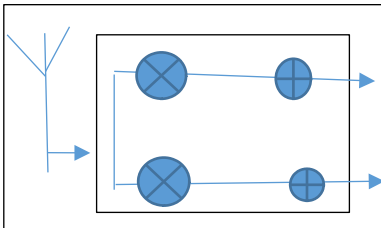

Telemetr

Video output pentode

Power pentode

Power pentode

Philips tv communication I out connector



X(t)

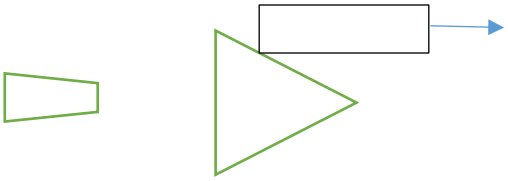
Q(i)

Ir(t)=Vrfcos(w0t)=I(t)variation V1

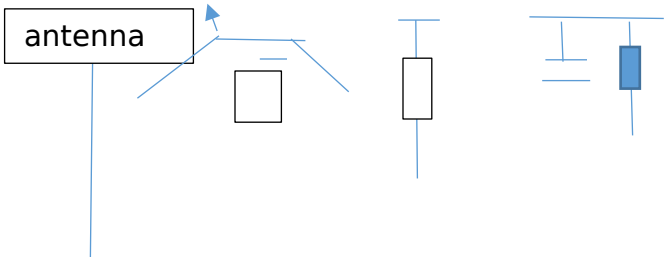
Qr=(t)Vrf.sin(wot)=Q(t)+variation V2

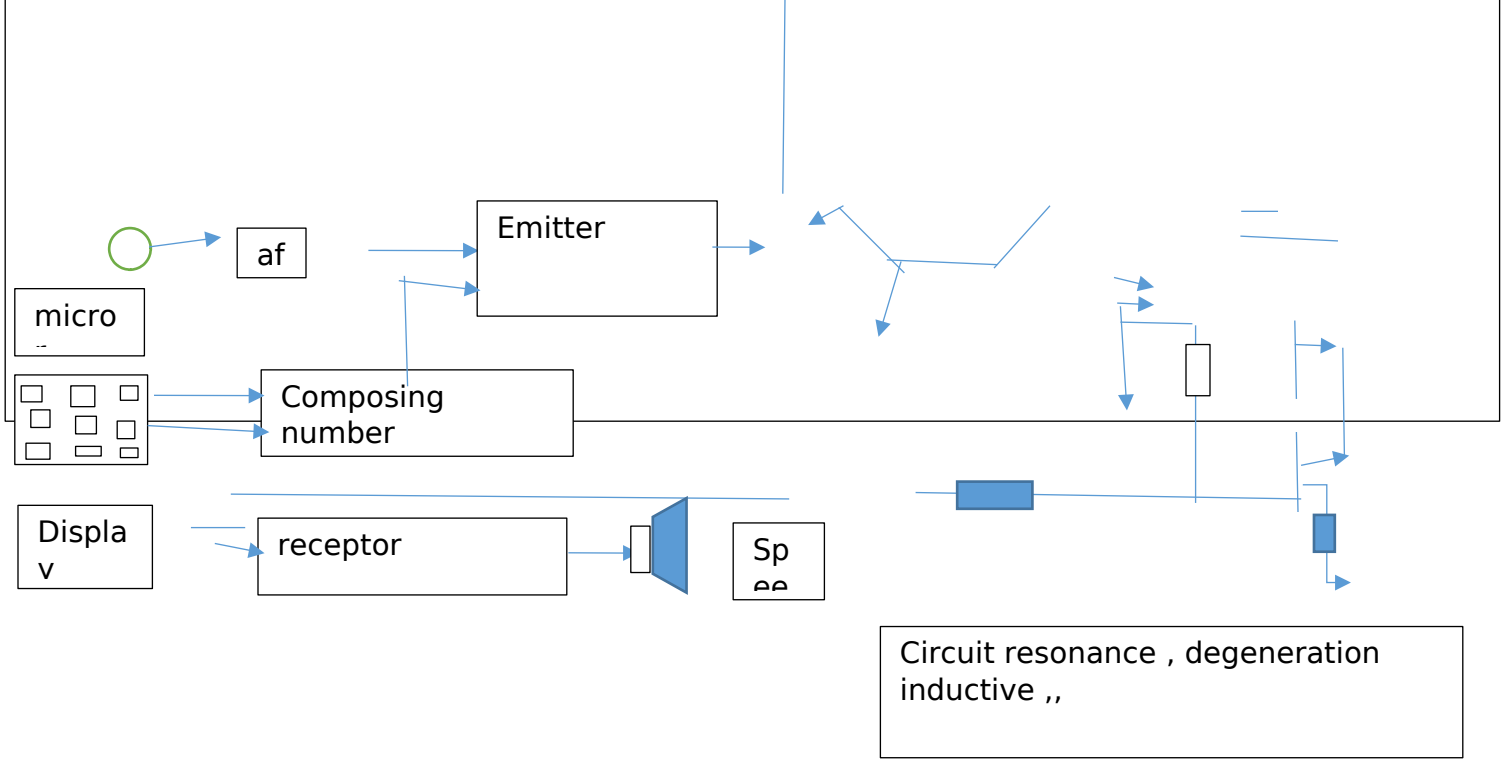
Insulation in receptor conversion case we cree out mixage voice land Q, voltage 2 voice qadra insulation mean level power block in case of component

Emettor/receptor low vehicle

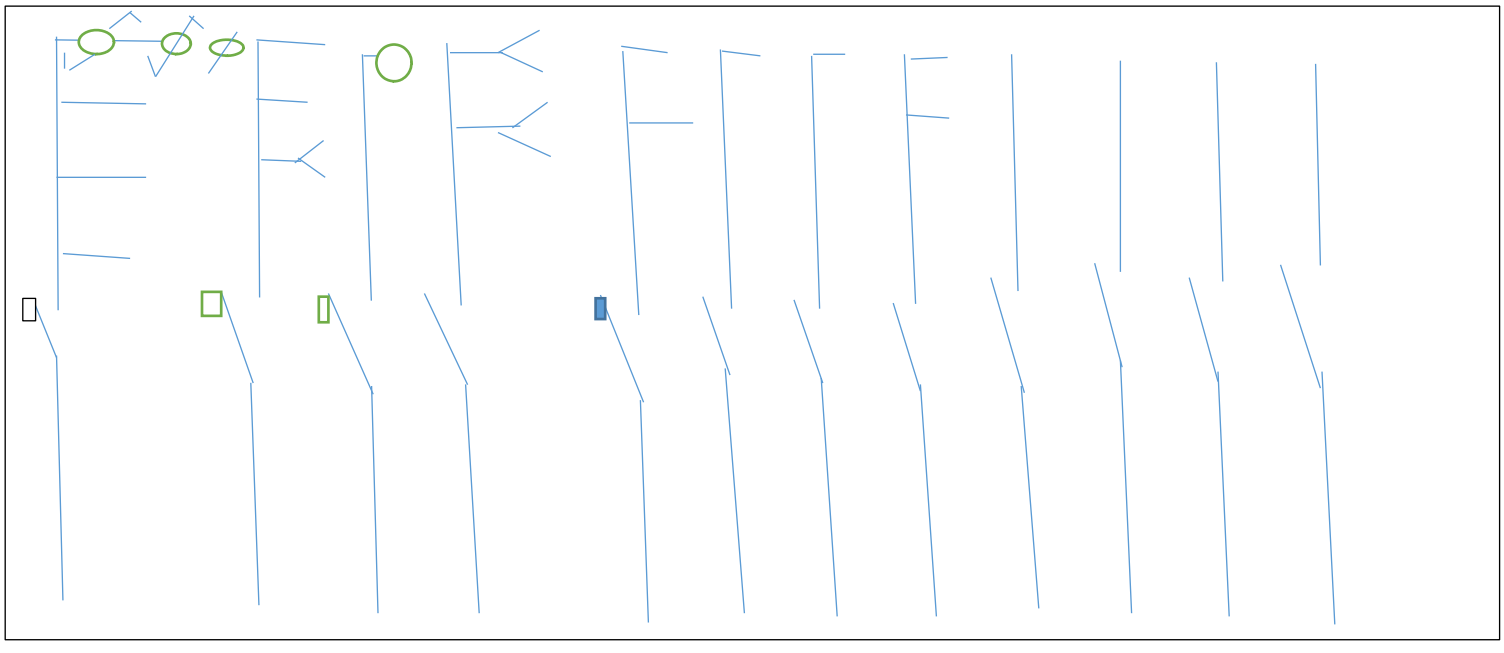


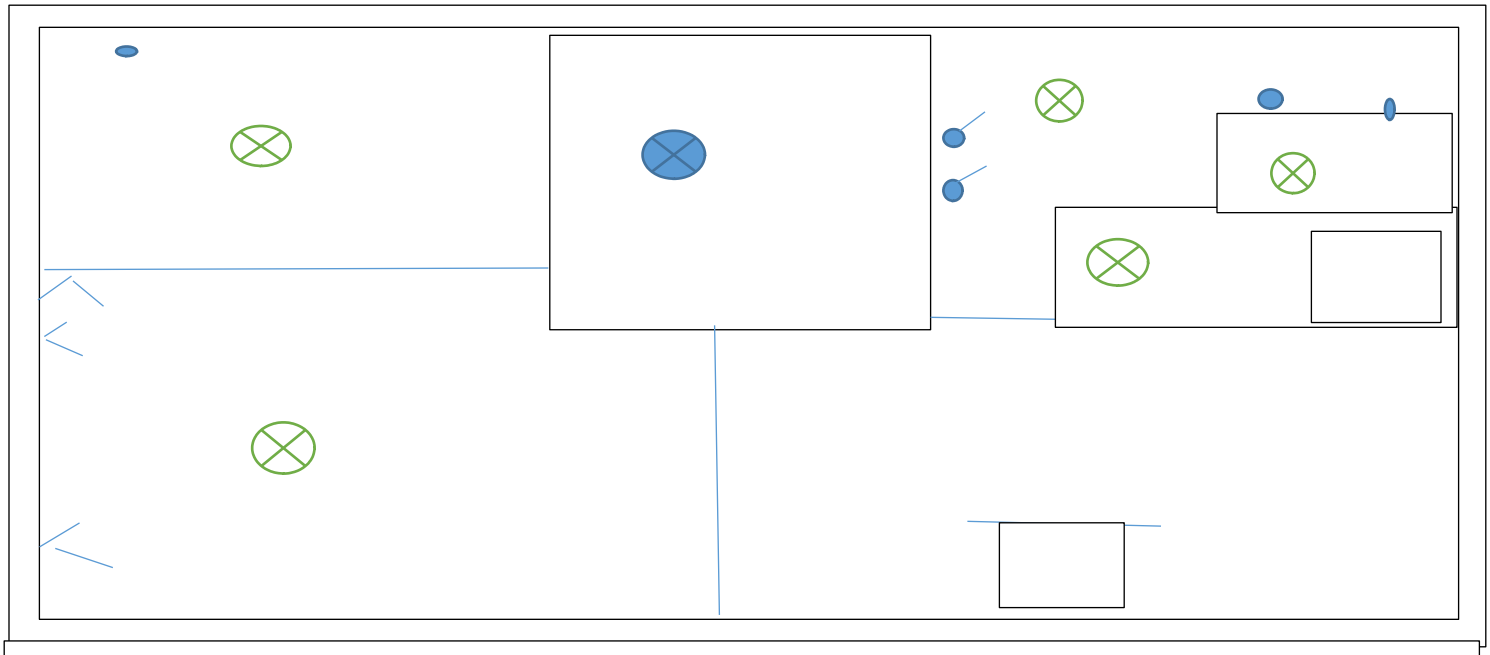
antenna






Circuit resonance , degeneration inductive ,,





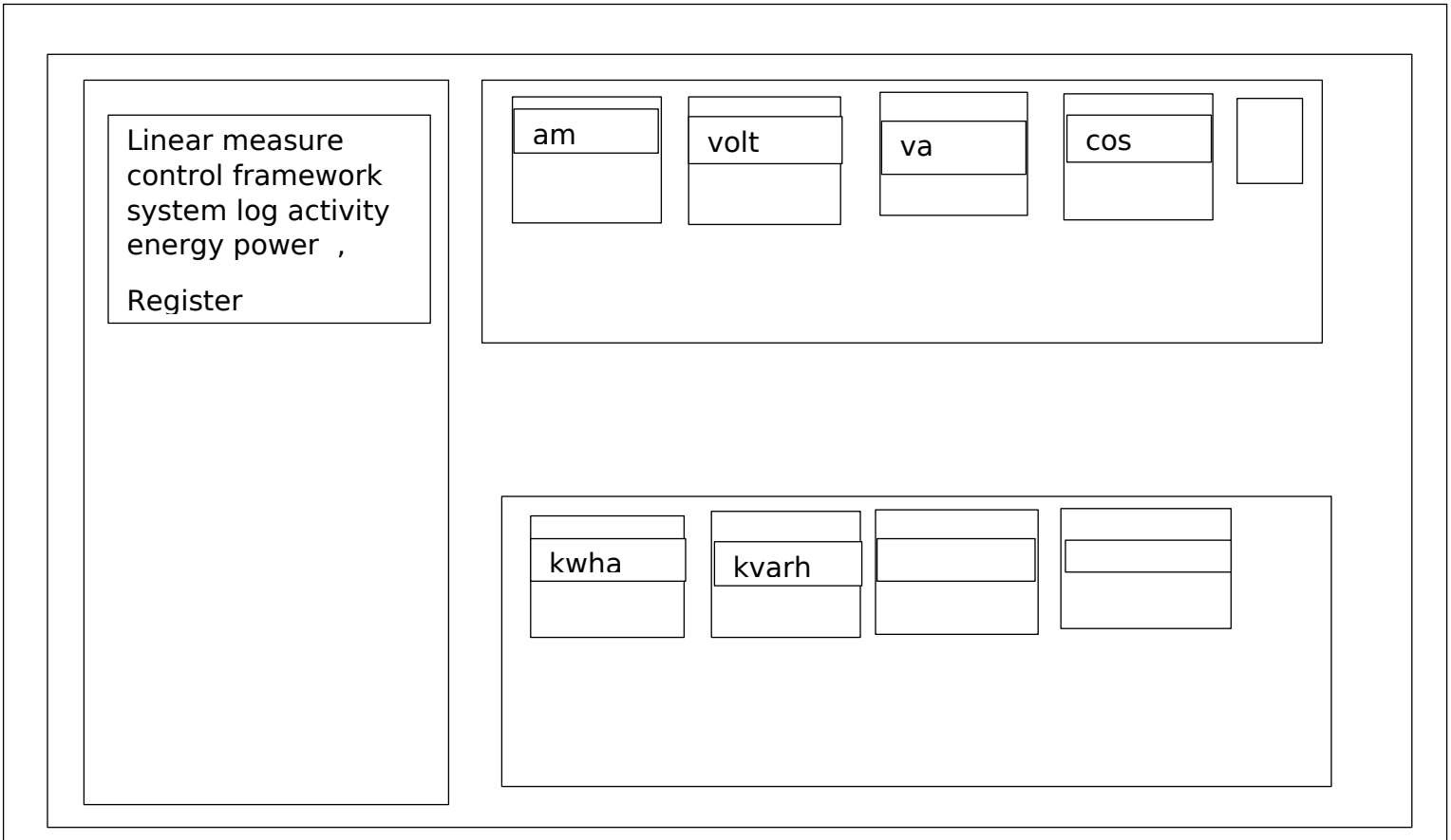
Completed plan of position

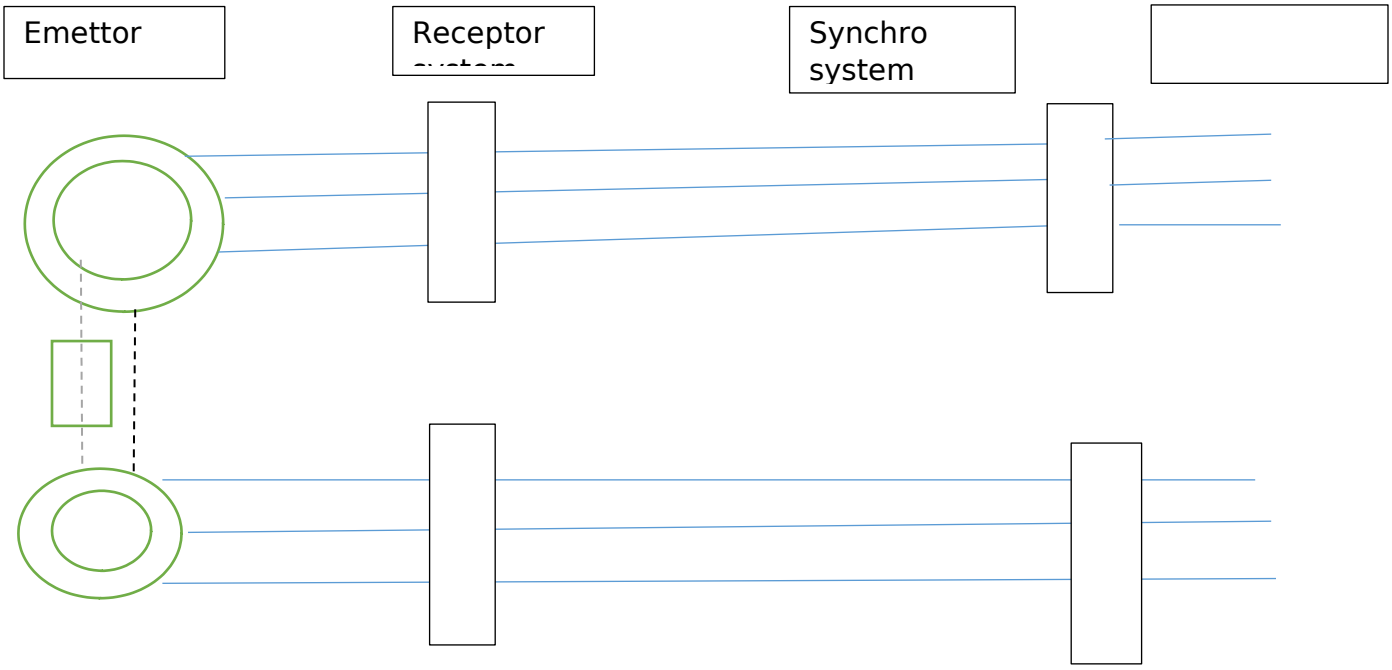
| Address installation | Property | Installation | Organism control system | Controllogic | |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Control organism file component installation device system installation low test , high voltage

-radio-technical

| |
|---|
| Power amplificatory tv sound basic oscillator line petode tube Characteristic |
| 1. Eat<br>2. Indirect cathode insulated wire / vi 6,3v<br>3. Source wire v-10.3<br>4. Use condition nominal rms<br>5. Voltage anode va -170-250v<br>6. Voltage grille vg -170-250<br>7. Voltage 0v<br>8. Current<br>9. Coefficient amplificatory k<br>10. Resistor internal internal ,0,2 –4,6v<br>11. Capactity grill cg – 14,7 pf<br>12. Capacity anode ca 0,4 pf<br>13. Capacity anode grille less 0,6 pf<br>Vslue limite<br>Peek voltage anode vap max 7 kv |


Linear measure
control framework
system log activity
energy power ,
Register
am
volt
va
cos
kwha
kvarh


Emettor
Receptor
Synchro
system